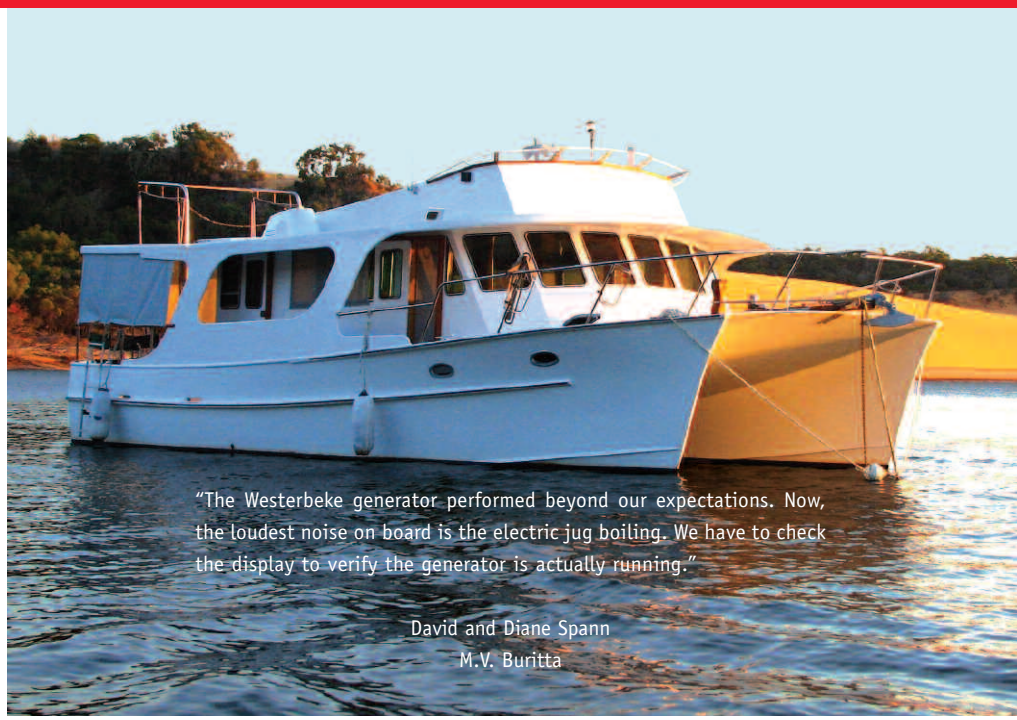
Some luxuries remain exclusive

Westerbeke Marine Diesel Generator Sets

For the Leisure and Professional Boating Industry, Westerbeke produces high quality marine generator sets from 5.5kW up to 33.0kW at 60 Hertz and 5.0kW up to 26.0kW at 50 Hertz.

Westerbeke 1800/1500-rpm diesel generators are backed by a 5-year limited warranty. The presence of Westerbeke in over 65 countries around the world provides customers with easy access to parts and technical support.

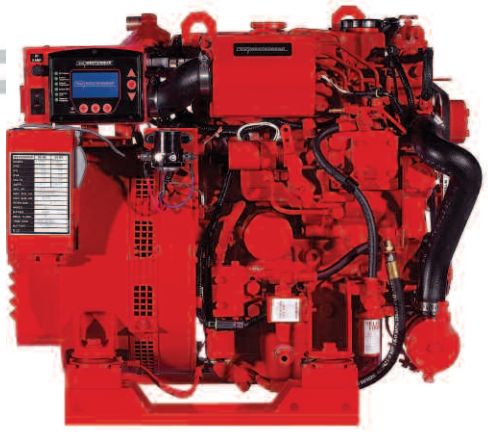
Established in 1937, Westerbeke is committed to providing its customers with quality products and unequaled after sales support.


"The Westerbeke generator performed beyond our expectations. Now, the loudest noise on board is the electric jug boiling. We have to check the display to verify the generator is actually running."
David and Diane Spann
M.V. Buritta

D-NET™ Electronic Diesel Generators

With standard Westerlink™ or optional NMEA 2000® compliant databus communication.

Sample network with Westerlink™ generator



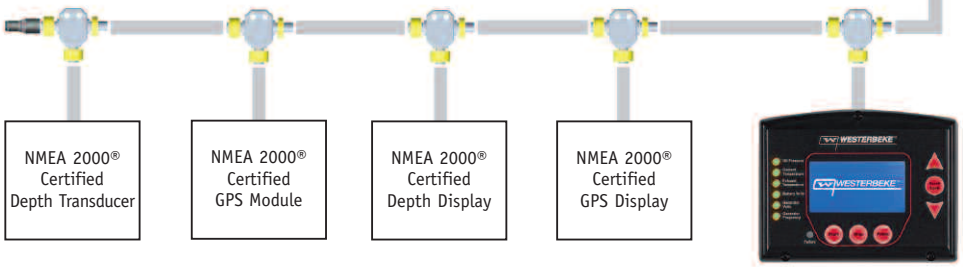
Westerlink™ Main Advantages

Westerlink™ allows the Westerbeke generator and several Westerbeke displays to communicate via the same digital databus cable. This permits boat builders to significantly reduce both labor and space normally required to run multiple cables throughout the vessel and eliminates unnecessary weight. Westerlink™ also allows a Westerbeke generator to communicate with a Westerbeke display at a far greater distance than previously possible.

Optional NMEA 2000® Main Advantages

Same as above except the digital databus cable facilitating communication can be shared by Westerbeke and other NMEA 2000® certified equipment installed on the vessel. This may result in a significant cost reduction as multiple cables and/or harnesses are eliminated. In addition, the Westerbeke generator may be used as the power supply for the NMEA 2000® network.

Sample network with NMEA 2000® certified generator


NMEA 2000® Certified Depth Transducer
NMEA 2000® Certified GPS Module
NMEA 2000® Certified Depth Display
NMEA 2000® Certified GPS Display

NMEA 2000® Certified Westerbeke Display

Standard D-NET™ Features

- Digital display and diagnostics panel
- Electronic governing
- Safety shut-downs: overspeed, underspeed, low oil pressure, high exhaust and high coolant temperature
- AC circuit breaker or field breaker
- Battery charging alternator
- Power take-off interface
- Self-bleeding fuel system on most models
- Fresh water cooling
- Water injected exhaust elbow
- Raw water pump
- Tuned air intake silencer
- Slow-speed, quiet operation
- Anti-vibration mounts
- Lube oil drain hose and drip tray
- Operators' manual & parts list
- 5-year limited warranty

WESTERBEKE™ Engines & Generators

Optional Equipment

- NMEA 2000® compliant databus communication
- Remote digital display(s)
- Remote start-stop(s)
- Sound Guard SST
- Ungrounded electrical system (above 5.5/5.0kW)
- 24V electrical system (above 7.6/5.7kW)
- 24V ungrounded electrical system (above 7.6/5.7kW)
- Keel cooling
- Dry exhaust
- PTO adapter kit (up to 15.0/12.0kW)
- PTO and electric clutch (above 15.0/12.0kW)
- Fuel/water separator
- Hydro-Hush muffler and fittings
- Spare parts kits
- Anti-siphon valve with 1" stainless loop for overboard cooling discharge water
- Ship to shore switch
- Technical manual
- White paint (standard color red)

Sound Guard SST

Features stainless steel base and frame with powder coated aluminum panels providing exceptional corrosion resistance.

Digital Display

Features LED's for quick operational status and an LCD to provide more detailed operational information.

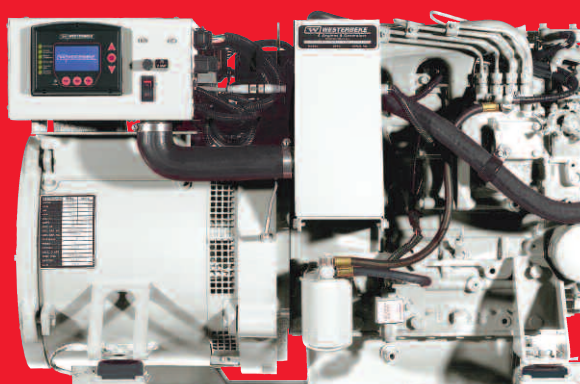
Technical Data, D-NET™

		Optional NMEA 2000® certification available.													
Model		**5.5 EDC**	**5.0 EDC**	**7.6 EDT**	**5.7 EDT**	**8.0 EDT**	**6.0 EDT**	**10.0 EDT**	**7.5 EDT**	**11.5 EDT**	**9.2 EDT**	**12.5 EDT**	**9.4 EDT**	**15.0 EDT**	**12.0 EDT**
Output	kW	5.5	5.0	7.6	5.7	8.0	6.0	10.0	7.5	11.5	9.2	12.5	9.4	15.0	12.0
Cylinders		3		3		3		3		3		4		4	
Speed	RPM	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500
Voltage	V	120	230	120/240	230	120/240	230	120/240	230	120/240	230	120/240	230	120/240	230
Frequency	Hz	60	50	60	50	60	50	60	50	60	50	60	50	60	50
Power Factor		1.0		1.0		1.0		1.0		1.0		1.0		1.0	
Standard Phase		1		1		1		1		1		1		1	
Optional Phase		No		No		No		3		3		3		3	
Dimensions,		GEN	W/SST	GEN	W/SST	GEN	W/SST	GEN	W/SST	GEN	W/SST	GEN	W/SST	GEN	W/SST
Length	inch	27.8	33.3	28.2	33.3	28.6	36.1	31.7	36.1	31.7	36.1	35.2	39.5	35.2	39.5
Width	inch	18.5	21.1	19.0	21.1	18.6	23.2	19.1	23.2	19.1	23.2	19.1	23.2	19.1	23.2
Height	inch	20.6	22.3	21.2	22.3	24.0	25.3	24.0	25.3	24.0	25.3	24.0	25.3	24.0	25.3
Dry Weight	lbs	373	451	407	485	477	567	520	610	520	610	580	674	588	682
Length	mm	706	846	716	846	726	917	805	917	805	917	894	1003	894	1003
Width	mm	470	536	483	536	472	589	485	589	485	589	485	589	485	589
Height	mm	523	566	539	566	610	643	610	643	610	643	610	643	610	643
Dry Weight	kg	169	205	185	220	216	257	236	277	236	277	263	306	267	310

		Optional NMEA 2000® certification available.							
Model		**17.0 EDE**	**13.5 EDE**	**22.0 EDE**	**17.0 EDE**	**28.5 EDEA**	**23.5 EDEA**	**33.0 EDEA**	**26.0 EDEA**
Output	kW	17.0	13.5	22.0	17.0	28.5	23.5	33.0	26.0
Cylinders		3		4		4		4	
Speed	RPM	1800	1500	1800	1500	1800	1500	1800	1500
Voltage	V	120/240	230	120/240	230	120/240	230	120/240	230
Frequency	Hz	60	50	60	50	60	50	60	50
Power Factor		1.0		1.0		1.0		1.0	
Standard Phase		1		1		1		1	
Optional Phase		3*		3*		3		3	
Dimensions,		GEN	W/SST	GEN	W/SST	GEN	W/SST	GEN	W/SST
Length	inch	35.9	45.0	39.9	45.0	46.2	50.7	46.2	50.7
Width	inch	23.4	26.0	22.4	26.0	22.8	27.2	22.8	27.2
Height	inch	25.7	27.0	25.4	27.0	28.6	30.8	28.6	30.8
Dry Weight	lbs	794	914	829	954	1135	1285	1135	1285
Length	mm	912	1143	1014	1143	1174	1288	1174	1288
Width	mm	594	660	569	660	579	691	579	691
Height	mm	653	686	645	686	726	782	726	782
Dry Weight,	kg	360	415	376	433	516	584	516	584

Specifications subject to change without notice. ***GEN*** *GENERATOR* ***SST*** *with SOUNDGUARD SST*
**Contact factory for weight and dimensions at 3 phase.*

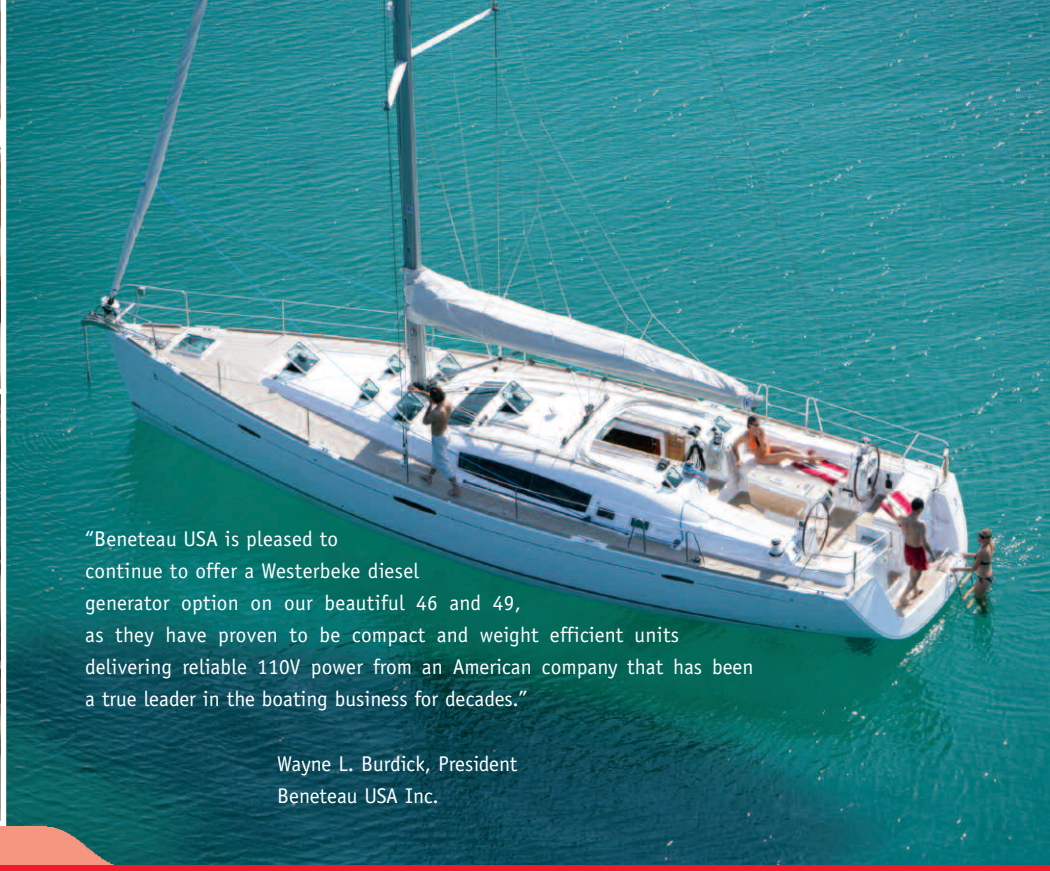
Note: The digital display must NOT be mounted on the generator set when installed inside a Sound Guard SST. In this application, one option is to remote mount the digital display. Another is to mount the display on the Sound Guard SST which is optional for all D-NET™ models except the 17.0/13.5 EDE & 22.0/17.0 EDE.



Providing Reliable Power for Military, Government, Commercial and Pleasure Applications

Gold Medal Performance comes in Westerbeke Red

WESTERBEKE™
Engines & Generators



"Beneteau USA is pleased to continue to offer a Westerbeke diesel generator option on our beautiful 46 and 49, as they have proven to be compact and weight efficient units delivering reliable 110V power from an American company that has been a true leader in the boating business for decades."

Wayne L. Burdick, President
Beneteau USA Inc.

Technical Data, analog

Model		5.5 BCD	5.0 BCD	7.6 BTD	5.7 BTD	8.0 BTDA	6.0 BTDA	10.0 BTDA	7.5 BTDA	11.5 BTD	9.2 BTD	12.5 BTDB	9.4 BTDB	15.0 BTDC	12.0 BTDC
Output	kW	5.5	5.0	7.6	5.7	8.0	6.0	10.0	7.5	11.5	9.2	12.5	9.4	15.0	12.0
Cylinders		3		3		3		3		3		4		4	
Speed	RPM	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	1500
Voltage	V	120	230	120/240	230	120/240	230	120/240	230	120/240	230	120/240	230	120/240	230
Frequency	Hz	60	50	60	50	60	50	60	50	60	50	60	50	60	50
Power Factor		1.0		1.0		1.0		1.0		1.0		1.0		1.0	
Standard Phase		1		1		1		1		1		1		1	
Optional Phase		No		No		No		3		3		3		3	
Dimensions,		GEN	W/SST	GEN	W/SST	GEN	W/SST	GEN	W/SST	GEN	W/SST	GEN	W/SST	GEN	W/SST
Length	inch	27.8	33.3	28.2	33.3	28.4	36.1	31.5	36.1	31.5	36.1	35.0	39.5	35.0	39.5
Width	inch	16.3	21.1	19.0	21.1	18.6	23.2	19.1	23.2	19.1	23.2	19.1	23.2	19.0	23.2
Height	inch	20.7	22.3	20.7	22.3	24.0	25.3	24.0	25.3	24.0	25.3	24.0	25.3	24.0	25.3
Dry Weight	lbs	356	427	395	466	467	550	513	596	513	596	561	648	569	656
Length	mm	706	846	716	846	722	917	800	917	800	917	889	1003	889	1003
Width	mm	422	414	483	536	473	589	485	589	485	589	483	589	483	589
Height	mm	526	566	526	566	610	643	610	643	610	643	610	643	610	643
Dry Weight	kg	162	194	179	202	212	250	233	270	233	270	255	294	258	298

Specifications subject to change without notice. ***GEN*** *GENERATOR* ***SST*** *with SOUNDGUARD SST*

Standard Features

- Instrument panel and safety stop switch
- Remote start-stop plug-in connection
- Safety shut-downs: low oil pressure, high exhaust and high coolant temperature
- AC circuit breaker (single phase)
- 50 amp battery charging alternator (above 5.5/5.0kW)
- Power take-off interface
- Self-bleeding fuel system
- Fresh water cooling
- Water injected exhaust elbow
- Raw water pump
- Tuned air intake silencer
- Slow-speed, quiet operation
- Anti-vibration mounts
- Lube oil drain hose and drip tray
- Operators' manual & parts list
- 5-year limited warranty

Optional Equipment

- Remote instrument panel(s)
- Remote start-stop panel(s)
- Sound Guard SST
- Ungrounded electrical system (above 5.5/5.0kW)
- 24V electrical system (above 7.6/5.7kW)
- 24V ungrounded electrical system (above 7.6/5.7kW)
- Keel cooling
- Dry exhaust
- PTO adapter kit
- Fuel/water separator
- Hydro-Hush muffler and fittings
- Spare parts kits
- Anti-siphon valve with 1" stainless loop for overboard cooling discharge water
- Ship to shore switch
- Technical manual
- White paint (standard color red)

Sound Guard **SST**

Strong, silent, timesaving, & made of the finest materials, the Westerbeke Sound Guard SST is designed for rugged service and is easy to install.

Engineered for silent operation

The Sound Guard SST enhances your offshore boating experience. Keeping your generator set to a whisper, it allows you to enjoy the pleasure of boat ownership in the quiet of your favorite cove. Experience engineering excellence and a new standard of quality that is unheard of. Available for 5.0–33.0kW diesel models, the Sound Guard SST further reduces the average sound intensity of a generator set up to 50% so your can forget you have one operating.

Serviceability is a snap

To remove any side or end panel requires only a quick snap of 2 latches and you have full access to all four sides. Westerbeke Sound Guards have always been famous for ease of serviceability and now have managed to create an even higher standard. Two access doors are also provided on the service side panel.

Pre-connected for ease of installation

The top panel can be removed in seconds for access to lifting eyes. The base and frame contain bulkhead fittings for all the generator's external connections including the raw water line, siphon break, fuel lines, exhaust line, AC wiring and battery cables. Westerbeke supplies the necessary hoses, cables and hardware to make these connections, allowing quick and easy "plug & play" installations. Only a flat-head screwdriver is required to assemble the frame - the panels require no assembly. Or you can order your new Westerbeke diesel pre-installed in the Sound Guard SST.

Materials are of the highest quality

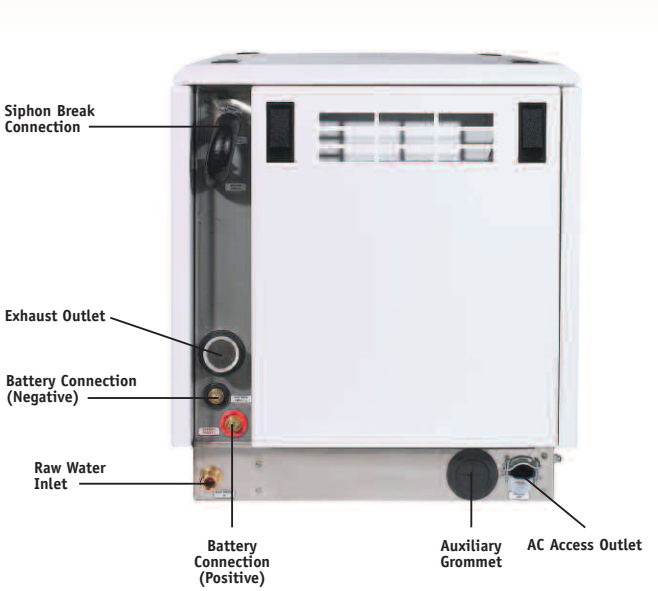
The Sound Guard SST consists of 5 powder coated aluminum panels and stainless steel base and frame. The powder coated aluminum panels provide optimum corrosion resistance while reducing the weight of the enclosure. The frame (where attached to the base) and base are likely to be subjected to the most moisture; therefore, are of stainless steel, a highly corrosion resistant metal. Even the rivets and fasteners are of stainless steel. The top panel also covers the side panels to lessen the likelihood that moisture will enter the Sound Guard SST.

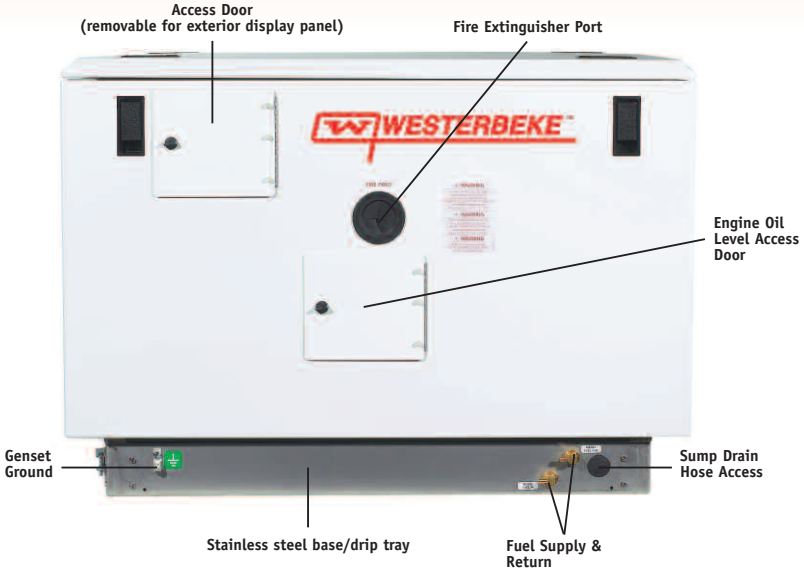
Strong, sturdy and rugged

The Sound Guard SST is designed for tough duty. While not recommended to kneel or stand on the unit, some may ignore warnings and do just that. The thick frame and sturdy panels result in a very robust enclosure.

Stylish appearance

The Sound Guard SST is designed to please the eye and resist the corrosion process that age many sound enclosures before their time. Westerbeke believes each customer should be proud of any product's appearance well after the initial purchase.





Location of some features may vary model to model.

WESTERBEKE™ Engines & Generators

Models (60/50Hz)	SST Part #	Dimensions (L x W x H)	Weight
5.5/5.0 BCD 7.6/5.7 BTD	49484	33.3 x 21.1 x 22.3 in. 846 x 536 x 566 mm.	71 lbs. 33 kilos
5.5/5.0 EDC 7.6/5.7 EDT	52709		78 lbs. 36 kilos
8.0/6.0 BTDA 10.0/7.5 BTD 11.5/9.2 BTD	49483	36.1 x 23.2 x 25.3 in. 917 x 589 x 643 mm.	83 lbs. 37 kilos
8.0/6.0 EDT 10.0/7.5 EDT 11.5/9.2 EDT	53462		90 lbs. 41 kilos
12.5/9.4 BTDB 15.0/12.0 BTDC	49527	39.5 x 23.2 x 25.3 in. 1003 x 589 x 643 mm.	87 lbs. 40 kilos
12.5/9.4 EDT 15.0/12.0 EDT	53463		94 lbs. 43 kilos
17.0/13.5 EDE*	54414	45.0 x 26.0 x 27.0 in. 1143 x 660 x 686 mm.	120 lbs. 54 kilos
*Use PN 55163 for optional 3-phase units only. (PN 55163 has the same weight and dimensions as part number 53070.)			
22.0/17.0 EDE*	54442	45.0 x 26.0 x 27.0 in. 1143 x 660 x 686 mm.	120 lbs. 54 kilos
*Use PN 53070 for optional 3-phase units only.			
28.5/23.5 EDEA 33.0/26.0 EDEA	53070	50.7 x 27.2 x 30.8 in. 1288 x 691 x 782 mm.	150 lbs. 68 kilos

Specifications subject to change without notice.